

## FIG. 1 PRIOR ART

TL1
X.226
X.225
TP4
CLNP/IS-IS
LAPD
DCC

FIG. 1 PRIOR ART

FIG. 2 PRIOR ART

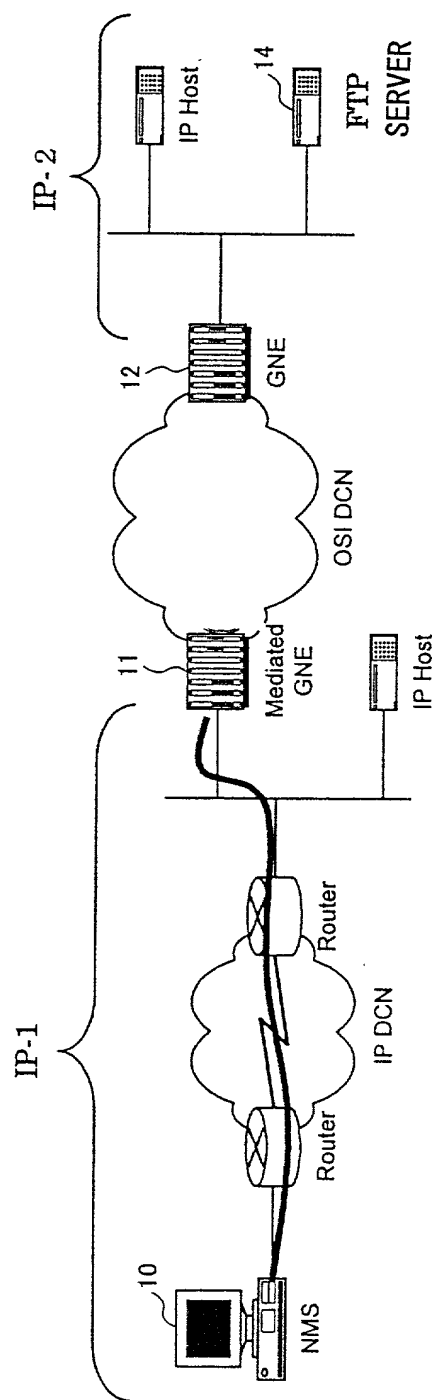
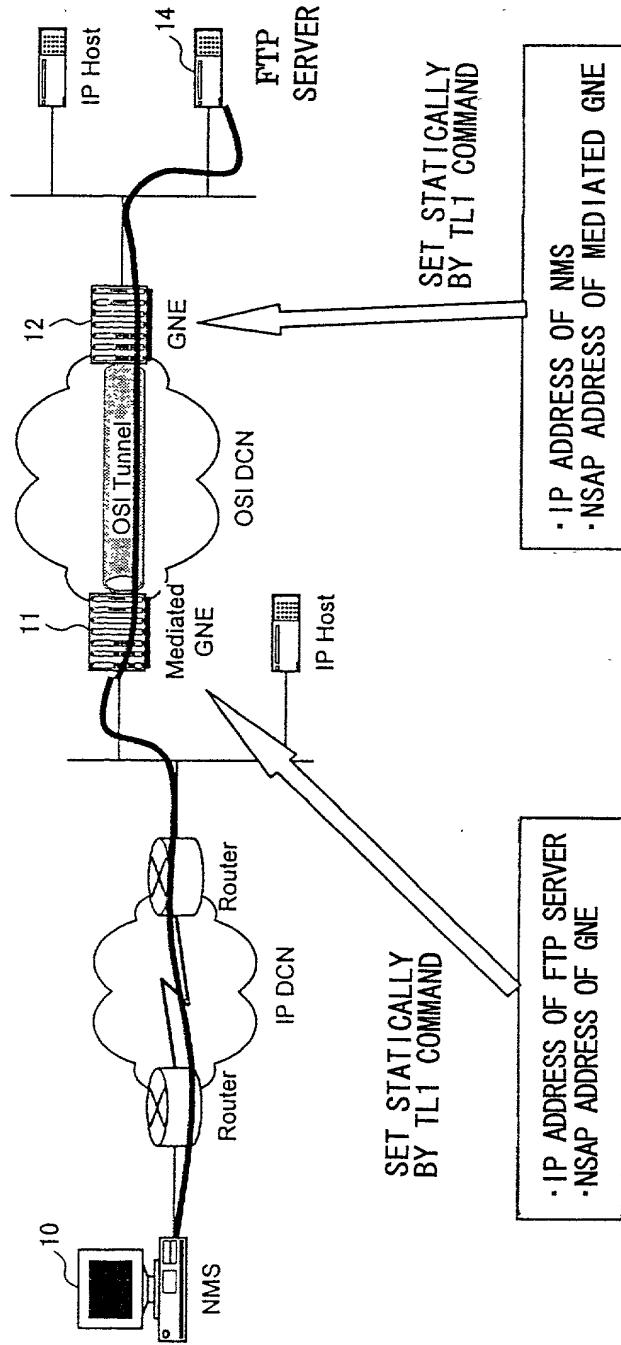


FIG. 3 PRIOR ART



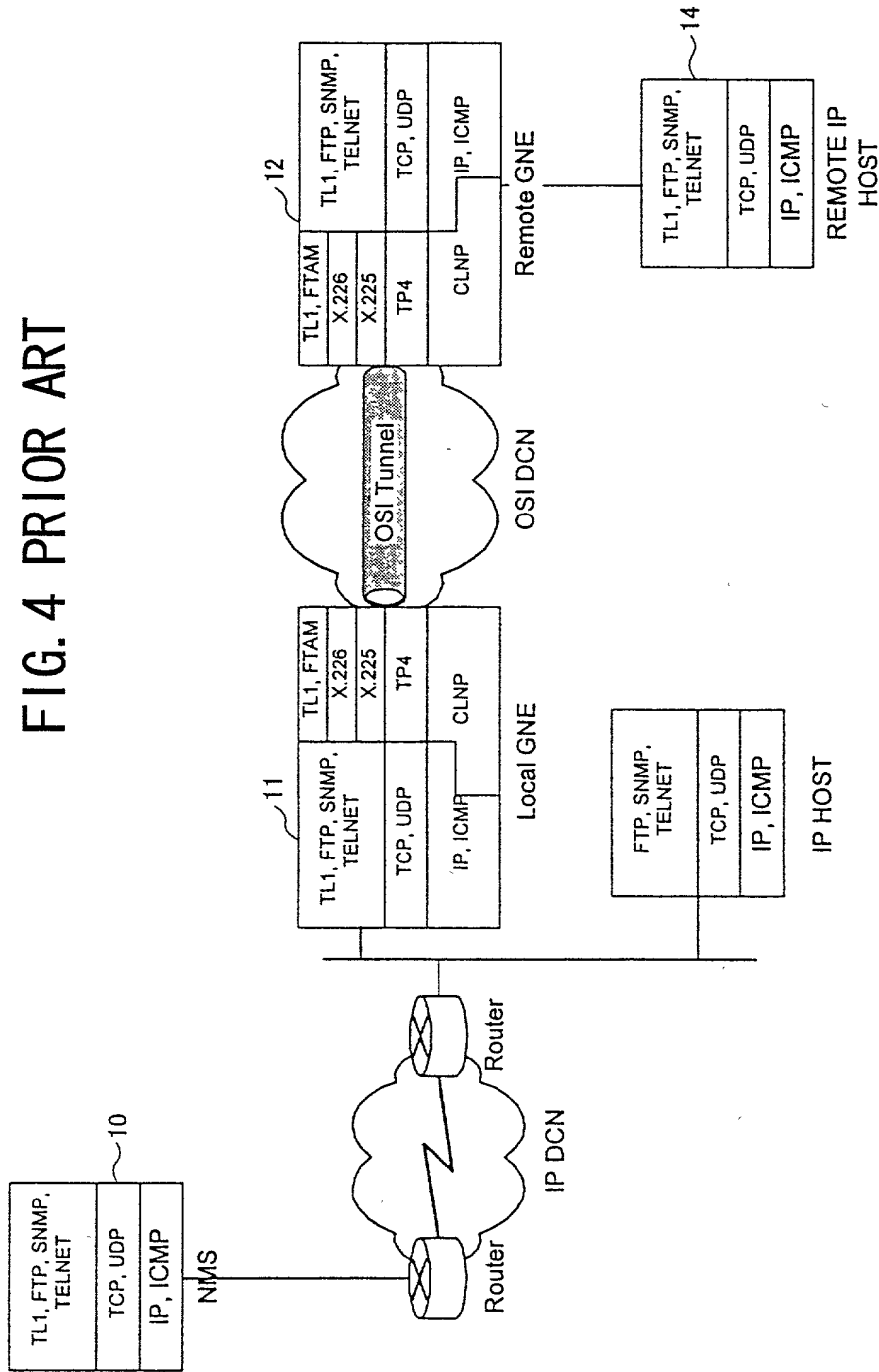


FIG.5

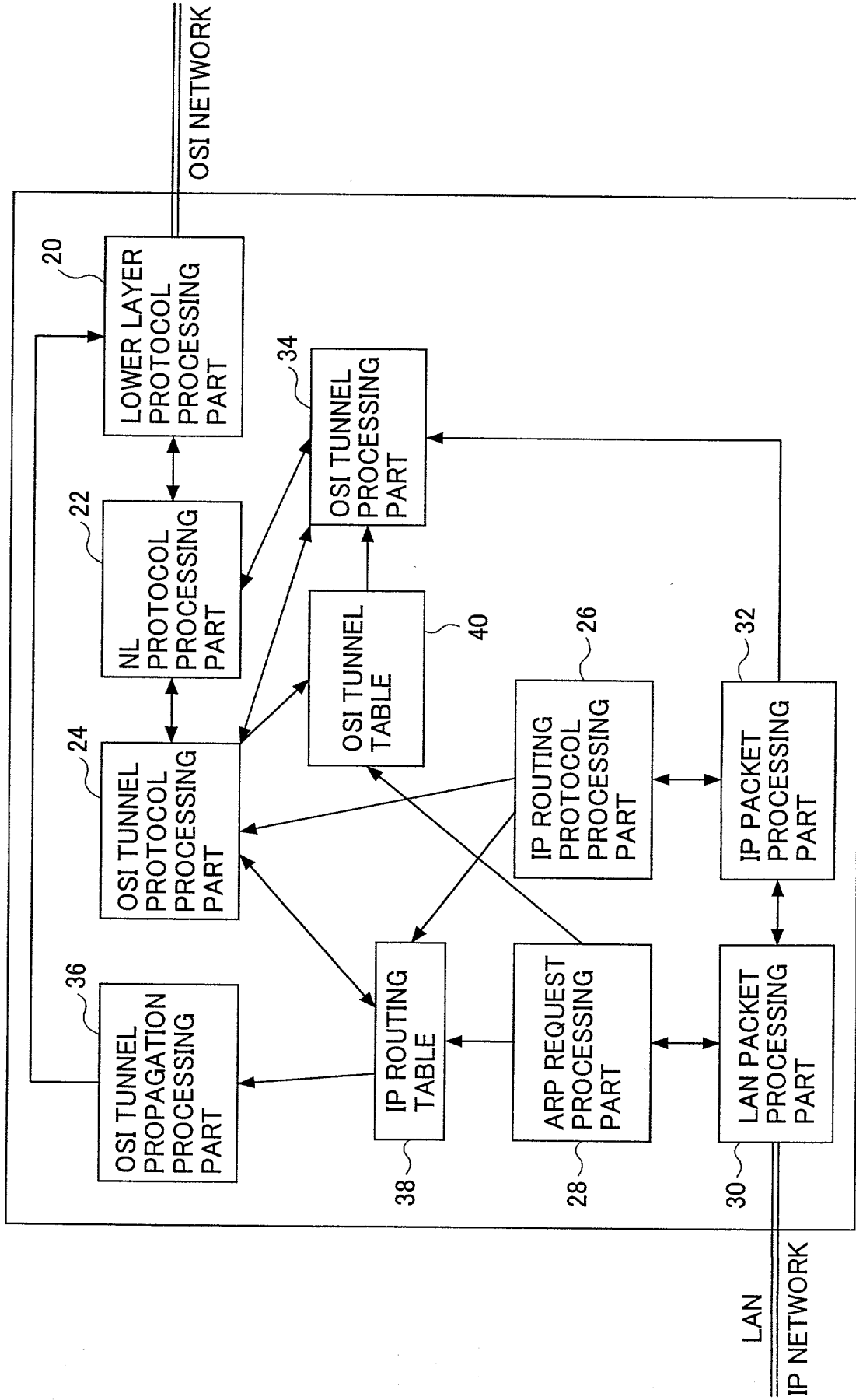


FIG.6

OFFSET	FIELD NAME	
+0	NETWORK LAYER PROTOCOL IDENTIFIER(0x??)	... PROTOCOL ID OF ISO8473
+1	LENGTH	... DATA LENGTH
+2		
+3	VERSION	... VERSION OF PROTOCOL
+4	LIFETIME	... LIFETIME OF PDU
+5	PDU TYPE(0x01)	
+6	VERSION	... VERSION OF PDU TYPE
+7	RESERVE	
+8	SOURCE NSAP ADDRESS	
+27	NUMBER OF REACHABLE NETWORK ADDRESS	
+28	NETWORK ADDRESS #1	... REACHABLE NETWORK ADDRESS
+29	METRICS #1	... METRICS TO NETWORK
:	:	
+27+2n	NETWORK ADDRESS #n	
+28+2n	METRICS #n	
+29+2n	HOLDING TIME	

FIG.7

OFFSET	FIELD NAME	
+0	PROTOCOL IDENTIFIER (0x01)	...
+1	LENGTH	...
+2		...
+3	RESERVED	...
+4	SOURCE NSAP ADDRESS	...
+24	REACHABLE NETWORK ADDRESS	...
+28	NETWORK MASK	...
+29	METRICS	...
+30	DELETE FLAG	...
+31	RESERVED	...

... AUTOMATIC OSI TUNNEL PROTOCOL ID  
... DATA LENGTH

FIG.8

OFFSET	FIELD NAME	
+0	PROTOCOL IDENTIFIER (0x02)	...
+1	LENGTH	...
+2		...
+3	RESERVED	...
+4	SOURCE NSAP ADDRESS	...
+24	REACHABLE NETWORK ADDRESS	...
+28	NETWORK MASK	...
+29	METRICS	...
+30	DELETE FLAG	...
+31	STATUS (0x00/0x01)	...

... AUTOMATIC OSI TUNNEL PROTOCOL ID  
... DATA LENGTH



FIG.9

OFFSET	FIELD NAME	
+0	PROTOCOL IDENTIFIER (0x03)	...
+1	LENGTH	...
+2		DATA LENGTH
+3	RESERVED	
+4	SOURCE NSAP ADDRESS	
+24	REACHABLE NETWORK ADDRESS	
+28	NETWORK MASK	
+29	METRICS	

... AUTOMATIC OSI TUNNEL PROTOCOL ID

... DATA LENGTH

FIG.10

OFFSET	FIELD NAME	
+0	PROTOCOL IDENTIFIER (0x04)	...
+1	LENGTH	...
+2		...
+3	RESERVED	...
+4	SOURCE NSAP ADDRESS	...
+24	REACHABLE NETWORK ADDRESS	...
+28	NETWORK MASK	...
+32	METRICS	...
+33	STATUS (SUCCESS:0x00/FAIL:0x01)	...

... AUTOMATIC OSI TUNNEL PROTOCOL ID

... DATA LENGTH

FIG.11

OFFSET	FIELD NAME	
+0	PROTOCOL IDENTIFIER (0x05)	... AUTOMATIC OSI TUNNEL PROTOCOL ID
+1	LENGTH	... DATA LENGTH
+2		
+3	RESERVED	
+4	SOURCE NSAP ADDRESS	
+24	REACHABLE NETWORK ADDRESS	
+27	NETWORK MASK	
+28	METRICS	
+29	RESERVED	

FIG.12

OFFSET	FIELD NAME	
+0	PROTOCOL IDENTIFIER (0x06)	...
+1	LENGTH	...
+2		...
+3	RESERVED	...
+4	SOURCE NSAP ADDRESS	...
+24	REACHABLE NETWORK ADDRESS	...
+28	NETWORK MASK	...
+32	METRICS	...
+33	STATUS (ACTIVE:0x00/INACTIVE0x01)	...

... AUTOMATIC OSI TUNNEL PROTOCOL ID  
... DATA LENGTH

FIG.13

NO.	REACHABLE NETWORK ADDRESS	NETWORK MASK	NSAP ADDRESS	STATUS	DELETABLE
1					
:					
:					
N					

FIG.14

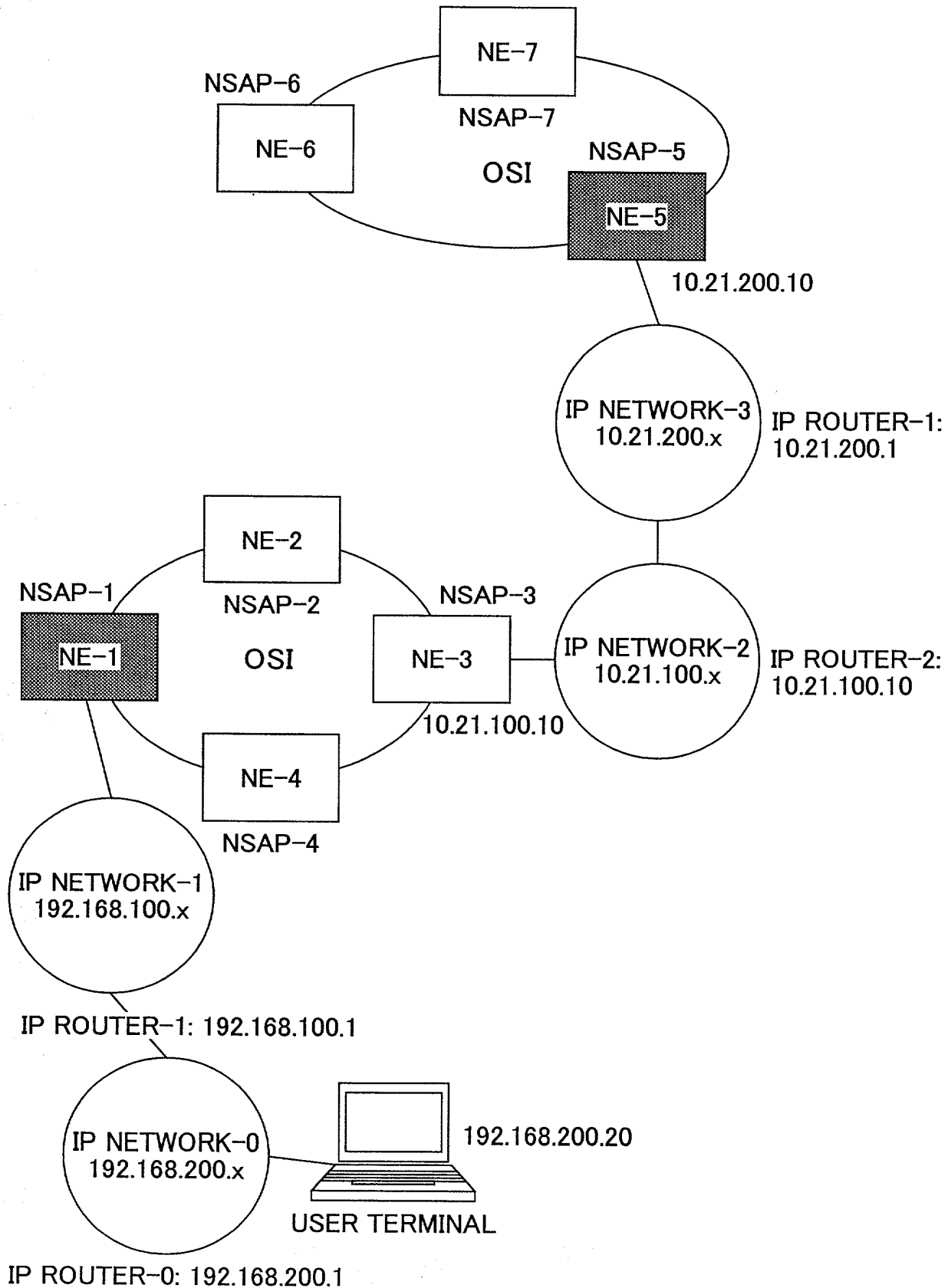


FIG.15

IP ROUTING TABLE

NO.	REACHABLE NETWORK ADDRESS	NETWORK MASK	ROUTER IP ADDRESS	METRICS
1	10.21.100.0	255.255.255.0	10.21.100.10	1
2	10.21.200.0	255.255.255.0	10.21.100.10	2
3				

FIG.16

OSI TUNNEL TABLE

NO.	REACHABLE NETWORK ADDRESS	NETWORK MASK	NSAP ADDRESS	STATUS
1	10.21.100.0	255.255.255.0	NSAP-3	INACTIVE
2	10.21.200.0	255.255.255.0	NSAP-3	INACTIVE
3				
4				
5				



FIG.17

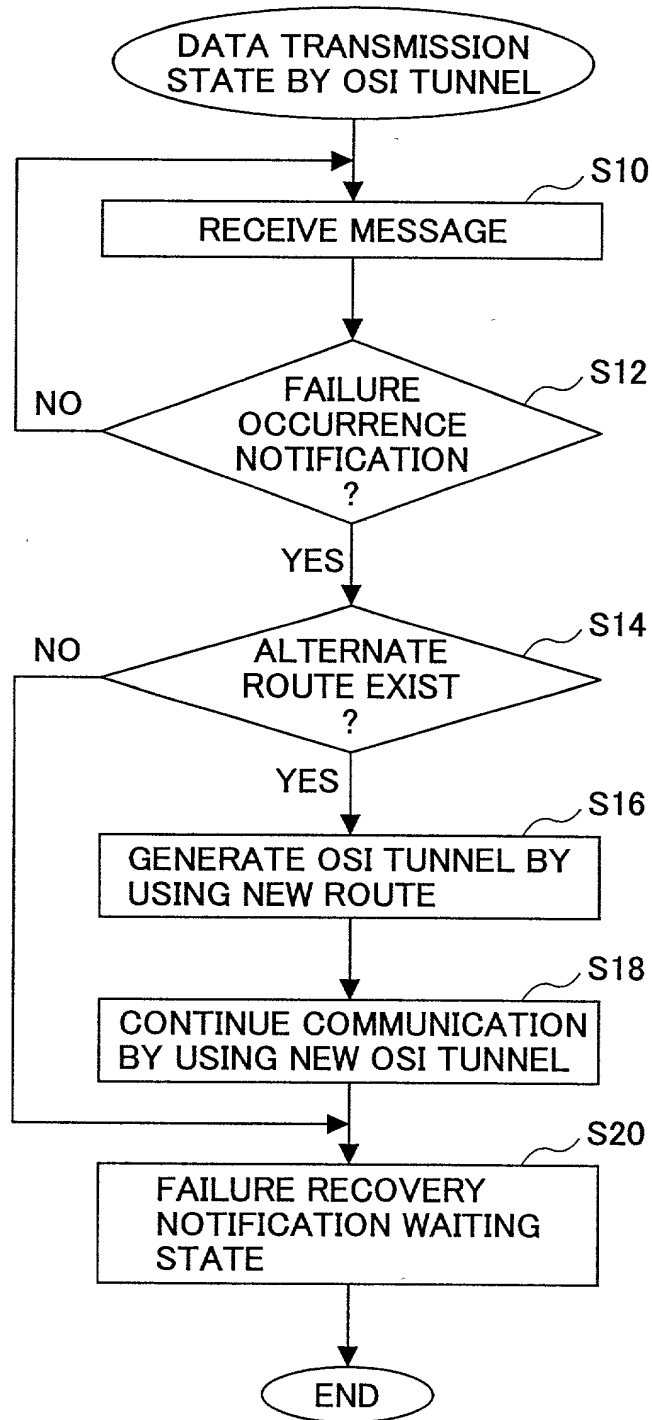


FIG. 17

FIG.18

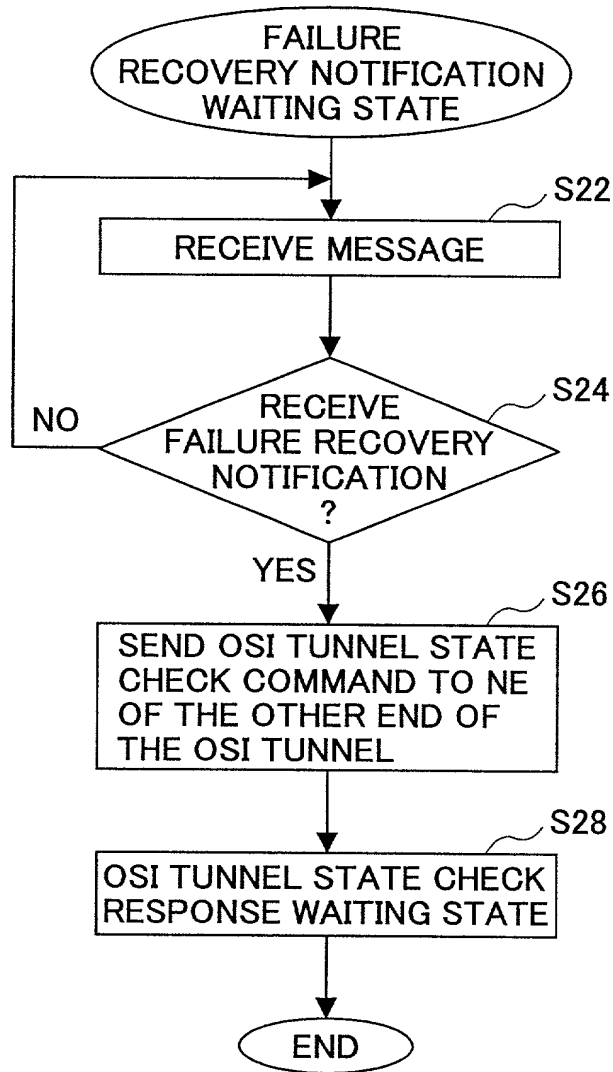


FIG.19

